

=> fil reg

FILE 'REGISTRY' ENTERED AT 16:47:47 ON 20 DEC 2007

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STRUCTURE FILE UPDATES: 19 DEC 2007 HIGHEST RN 958936-22-6

DICTIONARY FILE UPDATES: 19 DEC 2007 HIGHEST RN 958936-22-6

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d ide can 18 tot

L8 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN

RN 35890-39-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN D-Glucose, O-(N-acetyl- α -neuraminosyl)-(2 \rightarrow 6)-O- β -D-galactopyranosyl-(1 \rightarrow 4)- (CA INDEX NAME)

OTHER NAMES:

CN (2 \rightarrow 6')- α -Sialyllactose

CN (2 \rightarrow 6')-Sialyllactose

CN 6'- α -Sialyllactose

CN 6'-Monosialyllactose

CN 6'-Sialyllactose

CN N-Acetyl- α -neuraminyl-(2 \rightarrow 6')-lactose

CN N-Acetylneuraminyl-(2 \rightarrow 6')-lactose

FS STEREOSEARCH

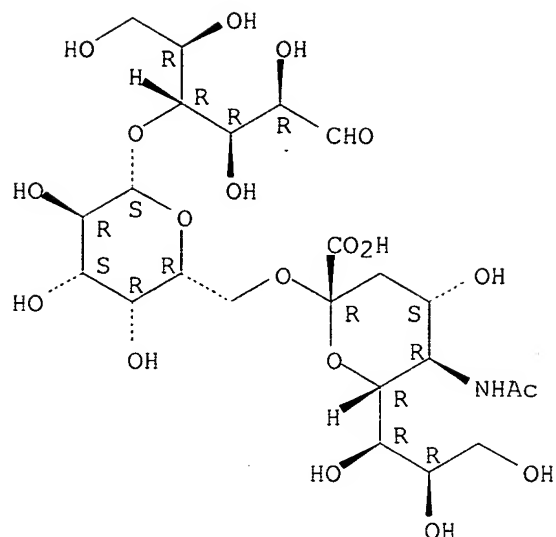
DR 869847-00-7, 158983-11-0, 56144-12-8, 18409-14-8, 113830-69-6, 74609-39-5, 190599-27-0

MF C23 H39 N O19

CI COM

LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

243 REFERENCES IN FILE CA (1907 TO DATE)
 15. REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 245 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 147:317919

REFERENCE 2: 147:276325

REFERENCE 3: 147:243341

REFERENCE 4: 147:227717

REFERENCE 5: 147:160147

REFERENCE 6: 146:468446

REFERENCE 7: 146:438624

REFERENCE 8: 146:292673

REFERENCE 9: 146:236124

REFERENCE 10: 146:236117

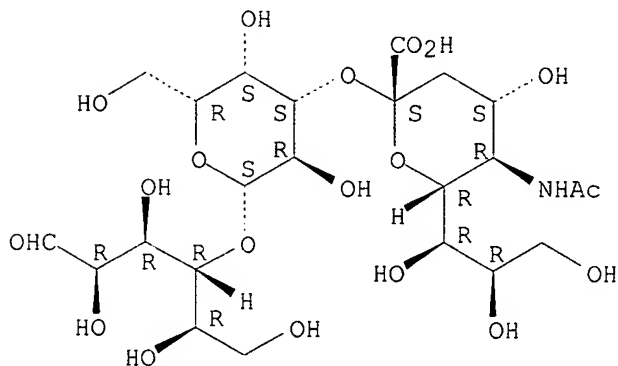
L8 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 35890-38-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN D-Glucose, O-(N-acetyl- α -neuraminosyl)-(2 \rightarrow 3)-O- β -D-galactopyranosyl-(1 \rightarrow 4)- (CA INDEX NAME)

OTHER NAMES:

CN (2 \rightarrow 3')- α -Sialyllactose
 CN α -2,3-Sialyllactose
 CN 3'-(N-Acetyl- α -neuraminosyl)lactose
 CN 3'- α -Sialyllactose
 CN 3'-Monosialyllactose

CN 3'-Sialyllactose
 CN 32-N-Acetyl- α -neuraminyllactose
 CN N-Acetyl- α -neuraminyl-(2 \rightarrow 3')-lactose
 CN N-Acetylneuraminyllactose
 CN NAN-Lactose
 CN NANL
 CN Neuramin lactose
 CN Neuraminyllactose
 CN Sialyllactose
 AR 18409-13-7
 FS STEREOSEARCH
 DR 869846-98-0, 874120-69-1, 668418-20-0, 10012-84-7, 24891-62-1, 17337-31-4,
 14647-74-6, 21973-22-8, 23656-46-4, 97839-18-4, 3001-90-9, 52006-96-9,
 36816-07-6, 138250-08-5, 74642-84-5, 26571-75-5, 26950-24-3
 MF C23 H39 N O19
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMLIST, CSCHEM, MEDLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

531 REFERENCES IN FILE CA (1907 TO DATE)
 45 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 534 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 147:536510
 REFERENCE 2: 147:425363
 REFERENCE 3: 147:363630
 REFERENCE 4: 147:317919
 REFERENCE 5: 147:276325
 REFERENCE 6: 147:243341
 REFERENCE 7: 147:227717

REFERENCE 8: 147:187863

REFERENCE 9: 147:160147

REFERENCE 10: 146:495749

=> d ide can l12

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 13007-32-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN D-Glucose, O- β -D-galactopyranosyl-(1 \rightarrow 4)-O-2-(acetylamino)-2-deoxy- β -D-glucopyranosyl-(1 \rightarrow 3)-O- β -D-galactopyranosyl-(1 \rightarrow 4)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glucopyranose, O- β -D-galactopyranosyl-(1 \rightarrow 4)-O-2-acetamido-2-deoxy- β -D-glucopyranosyl-(1 \rightarrow 3)-O- β -D-galactopyranosyl-(1 \rightarrow 4)-, D- (8CI)

CN Lacto-N-neotetraose (6CI)

OTHER NAMES:

CN Lacto-N-neo-tetraose

CN LNnt

CN Neolactotetraose

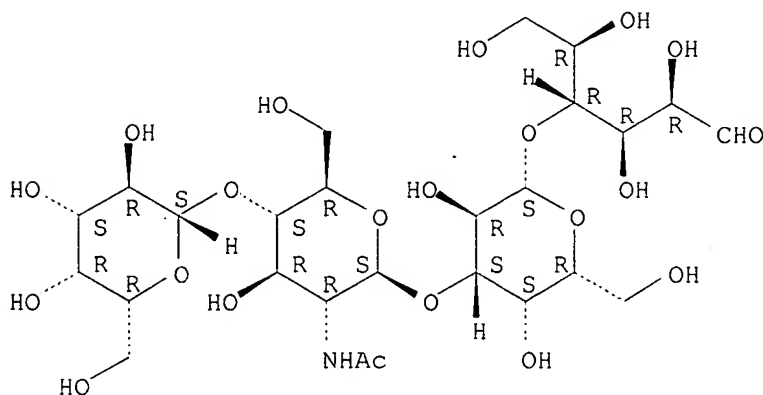
FS STEREOSEARCH

DR 22981-69-7, 60979-01-3, 141183-96-2, 150373-82-3

MF C26 H45 N O21

LC STN Files: AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHM, EMBASE, IMSDRUGNEWS, IMSRESEARCH, MEDLINE, PROMT, SPECINFO, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

270 REFERENCES IN FILE CA (1907 TO DATE)

25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

271 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 147:542042

REFERENCE 2: 147:442318
REFERENCE 3: 147:364515
REFERENCE 4: 147:363630
REFERENCE 5: 147:339576
REFERENCE 6: 147:227717
REFERENCE 7: 147:160147
REFERENCE 8: 146:468446
REFERENCE 9: 146:422213
REFERENCE 10: 146:400267

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 16:48:10 ON 20 DEC 2007
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FILE COVERS 1907 - 20 Dec 2007 VOL 147 ISS 26
FILE LAST UPDATED: 19 Dec 2007 (20071219/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d bib abs hitind hitstr retable

L29 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:20506 HCAPLUS
DN 140:87707
TI Oligosaccharide therapeutic compositions for use in prophylaxis or treatment of **diarrheas**
IN Angstroem, Jonas; Teneberg, Susann; Saarinen, Juhani; Satomaa, Tero; Roche, Niamh; Natunen, Jari; Miller-Podraza, Halina; Karlsson, Karl-Anders; Milh, Maan Abul
PA Biotie Therapies Oy, Finland
SO PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DT **Patent**
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2004002495	A1	20040108	WO 2003-FI528	20030630 <--	
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
	RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
	AU 2003242799	A1	20040119	AU 2003-242799	20030630 <--	
	EP 1531832	A1	20050525	EP 2003-761605	20030630 <--	
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK		
	JP 2006506329	T	20060223	JP 2004-516828	20030630 <--	
	IN 2004KN01960	A	20060721	IN 2004-KN1960	20041220 <--	
	US 2006014717	A1	20060119	US 2005-518297	20050824 <--	
PRAI	FI 2002-1275	A	20020628		<--	
	FI 2003-564	A	20030414			
	WO 2003-FI528	W	20030630			

AB The invention provides a therapeutic composition comprising purified fractions of compds. being or containing a pathogen-inhibiting oligosaccharide sequence for use as a medicament. The invention especially describes an oligosaccharide-containing substance or receptor binding to **diarrheagenic** Escherichia coli and/or zoonotic Helicobacter species, and use thereof in e.g. pharmaceutical, nutritional and other compns. for prophylaxis and treatment of conditions due to the presence of Escherichia coli and/or zoonotic Helicobacter species. The invention is also directed to the use of the receptors for diagnostics of Escherichia coli and/or zoonotic Helicobacter species.

IC ICM A61K0031-702

ICS A61P0001-04; A61P0001-12

CC 1-9 (Pharmacology)

Section cross-reference(s): 10, 14, 18, 33, 63

ST oligosaccharide **diarrhea** treatment **diarrheagenic**

Escherichia coli; zoonotic Helicobacter oligosaccharide **diarrhea** treatment; diagnosis Escherichia Helicobacter receptor

IT Receptors

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Gal α 4Gal; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Blood-group substances

RL: BSU (Biological study, unclassified); BIOL (Biological study) (Lea; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Blood-group substances

RL: BSU (Biological study, unclassified); BIOL (Biological study) (Lex; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Glycosides

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (Me; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Antigens
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antigenic carbohydrate conjugate, carrier; oligosaccharide therapeutic
comps. for use in prophylaxis or treatment of **diarrheas**)

IT Food
for (aqueous, pathogen purification from; oligosaccharide therapeutic comps.
use in prophylaxis or treatment of **diarrheas**)

IT Polysaccharides, biological studies
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(bacterial, carrier; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Infection
(bacterial; oligosaccharide therapeutic comps. for use in prophylaxis
or treatment of **diarrheas**)

IT Bos taurus
Milk
(bovine milk fraction; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Cell
Particles
(carrier; oligosaccharide therapeutic comps. for use in prophylaxis or
treatment of **diarrheas**)

IT Polymers, biological studies
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(carrier; oligosaccharide therapeutic comps. for use in prophylaxis or
treatment of **diarrheas**)

IT Detergents
(cleaning comps.; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Infection
(digestive tract; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Escherichia coli
(enteroaggregative; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Escherichia coli
(enterohemorrhagic; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Escherichia coli
(enteroinvasive; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Escherichia coli
(enteropathogenic; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Escherichia coli
(enterotoxigenic; oligosaccharide therapeutic comps. for use in
prophylaxis or treatment of **diarrheas**)

IT Intestine
Larynx
Stomach
(epithelium; oligosaccharide therapeutic comps. for use in prophylaxis
or treatment of **diarrheas**)

IT Water purification
(filtration; oligosaccharide therapeutic comps. for use in prophylaxis
or treatment of **diarrheas**)

IT Food
(food product surface, coating; oligosaccharide therapeutic comps. for
use in prophylaxis or treatment of **diarrheas**)

IT Receptors

- RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(fucosyl; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Receptors
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(ganglio-; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Gangliosides
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(ganglioseries ganglioside oligosaccharides; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Epithelium
(gastric; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Oligosaccharides, biological studies
RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(globooligosaccharides; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Carbohydrates, biological studies
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(glycosylamides; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Carbohydrates, biological studies
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(glycosylamines; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Kidney, disease
(hemolytic-uremic syndrome; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Inflammation
Intestine, disease
(hemorrhagic colitis; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Milk substitutes
(human; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Immune system
(immune cell; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Proteins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(immune defense; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Immunostimulants
(immunostimulating carbohydrate conjugate, carrier; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Digestive tract, disease
(infection; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Parasite

- (intestinal eukaryotic; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Epithelium
(intestinal; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Receptors
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(lacto-; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Receptors
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(lactosylceramide; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Receptors
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(neolacto-; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Oligosaccharides, biological studies
RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(neolactooligosaccharides; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Nutrition, animal
(nutritional composition; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
- IT Aeromonas
Antibacterial agents
Antidiarrheals
Antiviral agents
Campylobacter
Campylobacter jejuni
Chewing gum
Cosmetics
Dentifrices
Diarrhea
Disinfectants
Entamoeba
Escherichia coli
Filters
Food preservatives
Gastrointestinal agents
Helicobacter bilis
Helicobacter canis
Helicobacter felis
Helicobacter hepaticus
Helicobacter mustelae
Helicobacter pylori
Human
Listeria
Lung, disease
Microorganism
Mouthwashes
Parasiticides
Pathogen

Probiotics
 Rotavirus
 Salmonella
 Salmonella typhimurium
 Shigella
 Vibrio
 Vibrio cholerae
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Agglutinins and Lectins
 Antibodies and Immunoglobulins
 Glycosphingolipids
 Mannose receptors
 Sialic acids
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Glycosides
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Oligosaccharides, biological studies
 RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Sialooligosaccharides
 RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Sialic acids
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Carbohydrates, biological studies
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Hygiene
 (oral; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Beverages
 (pathogen purification from; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Agglutination
 (pathogen; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Receptors
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (pathogen; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Eubacteria
 (polysaccharide, carrier; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)
 IT Gastrointestinal agents
 (prebiotics; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Washing
(products; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Proteins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(protein-linked receptors; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Receptors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(protein-linked; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Receptors
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(sialic acid; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Drug delivery systems
(tablets; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Drug delivery systems
(topical; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Drugs
(veterinary; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Infection
(viral; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT Helicobacter
(zoonotic; oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT 59-23-4, Galactose, biological studies 2438-80-4, Fucose 3458-28-4, Mannose 3646-73-9, α -D-Galactopyranose 4682-48-8D, hydroxy derivs. 6696-41-9 7296-15-3, α -D-Mannopyranose 7296-64-2, β -D-Galactopyranose 11034-93-8 12244-28-9 13117-26-5
14131-68-1 21646-00-4 34141-02-1 35960-33-9 47491-70-3
56573-54-7 60267-39-2 69345-49-9 69401-47-4 71012-19-6
71833-54-0 71833-57-3 71833-58-4 71950-33-9 71965-57-6
72067-19-7 72626-26-7 72711-52-5 73379-94-9 73467-80-8
77538-29-5 77538-33-1 77538-38-6 78990-73-5 81544-23-2
85305-87-9 85305-88-0 86993-34-2 89678-50-2 91847-18-6
91847-19-7 96119-72-1 99147-61-2 99147-62-3 102619-58-9
104443-59-6 104443-62-1 113255-27-9 186467-26-5 338445-12-8
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT 3554-90-3 4682-48-8, Lactosylceramide 4682-48-8D, Lactosylceramide, derivs. 21973-23-9 29923-15-7 **35890-38-1 35890-39-2**
54832-51-8 69975-81-1 69975-82-2 75645-24-8 75645-25-9
78969-47-8 81275-44-7 81693-22-3 82667-79-6 84593-23-7
85178-80-9 87856-44-8 92448-21-0 92448-22-1 95210-85-8
98603-84-0 101927-85-9 122560-33-2 133155-91-6 136247-78-4
136247-80-8 140913-64-0 190599-29-2 524729-99-5 642408-21-7
642408-32-0 642408-37-5 642408-40-0 642408-47-7
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT 13007-32-4, LNnt 14116-68-8, LNT 66580-68-5
 RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT 20768-11-0 24656-24-4 41263-94-9 52630-68-9 56822-52-7
 60797-31-1 66492-29-3 71208-06-5 81329-67-1 82993-43-9
 95983-78-1
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

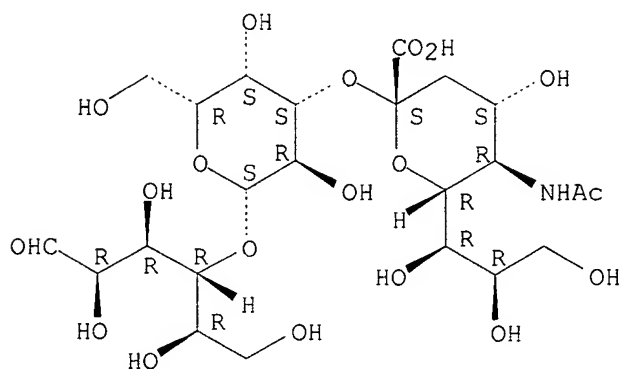
IT 63-42-3, Lactose 9012-76-4, Chitosan 36016-38-3 42989-85-5
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT 9012-76-4DP, Chitosan, derivs.
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

IT 35890-38-1 35890-39-2
 RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

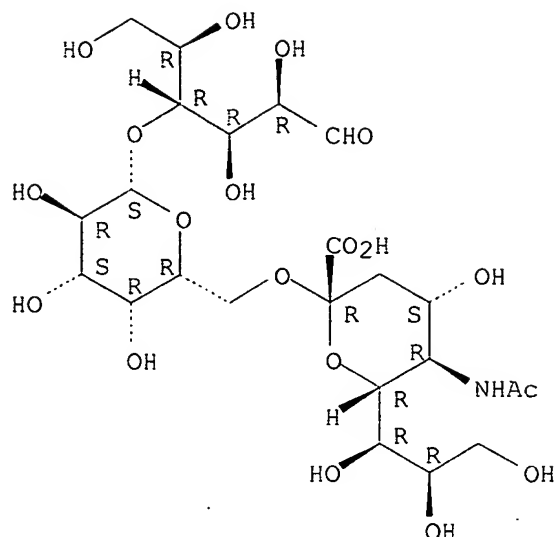
RN 35890-38-1 HCAPLUS
 CN D-Glucose, O-(N-acetyl- α -neuraminosyl)-(2 \rightarrow 3)-O- β -D-galactopyranosyl-(1 \rightarrow 4)- (CA INDEX NAME)

Absolute stereochemistry.



RN 35890-39-2 HCAPLUS
 CN D-Glucose, O-(N-acetyl- α -neuraminosyl)-(2 \rightarrow 6)-O- β -D-galactopyranosyl-(1 \rightarrow 4)- (CA INDEX NAME)

Absolute stereochemistry.



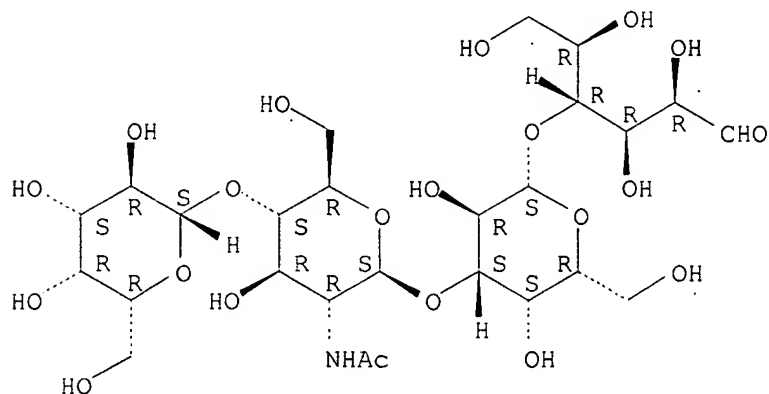
IT 13007-32-4, LNnt

RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oligosaccharide therapeutic compns. for use in prophylaxis or treatment of **diarrheas**)

RN 13007-32-4 HCAPLUS

CN D-Glucose, O-β-D-galactopyranosyl-(1→4)-O-2-(acetylamino)-2-deoxy-β-D-glucopyranosyl-(1→3)-O-β-D-galactopyranosyl-(1→4)- (CA INDEX NAME)

Absolute stereochemistry.



RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
AScience Invest Ab	2001			WO 0143751 A1	HCAPLUS
Carbion Oy	2002			WO 02056893 A1	HCAPLUS
Krivan, H	1993			US 5217715 A	HCAPLUS
Nutricia, N	2000			WO 0033854 A1	HCAPLUS
Synsorb Biotech Inc	1996			WO 9639190 A1	HCAPLUS
The Governors Of The Un	2000			WO 0051644 A1	HCAPLUS

=> d his

(FILE 'HOME' ENTERED AT 16:16:08 ON 20 DEC 2007)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 16:17:23 ON 20 DEC 2007
ACT LEE536I/A

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L1          STR
L2 (        2318)SEA FILE=REGISTRY SSS FUL L1
L3          STR
L4          7 SEA FILE=REGISTRY SUB=L2 SSS FUL L3
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SAV TEMP L4 LEE536I/A
ACT LAYLA518A/A

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L5          103 SEA FILE=REGISTRY ABB=ON PLU=ON (4682-48-8/BI OR 9012-76-4/BI
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L6          23 S L5 AND 2/NR
L7          13 S L6 AND 1/N
L8          2 S L7 AND C23H39NO19
L9          16 S L5 AND 3/NR
L10         8 S L9 AND 1/N
L11         3 S L10 AND C26H45NO21
L12         1 S 13007-32-4
           SEL RN L8
L13         8 S E1-E2/CRN
L14         0 S 13007-32-4/CRN
L15         5 S L13 NOT (IDS/CI OR MXS/CI)

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FILE 'HCAPLUS' ENTERED AT 16:44:50 ON 20 DEC 2007

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L16         574 S L8 OR L15
L17         271 S L12
L18         54 S L16 AND L17
L19         28 S L18 AND PY<=2002 NOT P/DT
L20         15 S L18 AND (PD<=20020628 OR PRD<=20020628 OR AD<=20020628) AND P
L21         43 S L19,L20
L22         1 S L21 AND ?DIARRH?
           E DIARRHEA/CT
L23         7312 S E3-E6
           E E3+ALL
L24         7342 S E11+OLD
           E E13+ALL
L25         1464 S E6
           E DYSENT/CT
L26         1198 S E8-E10
           E E8+ALL
L27         1198 S E13
L28         1 S L21 AND L23-L27
L29         1 S L22,L28

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FILE 'REGISTRY' ENTERED AT 16:47:47 ON 20 DEC 2007

FILE 'HCAPLUS' ENTERED AT 16:48:10 ON 20 DEC 2007

=> => fil medline